Artificial Intelligence-Based Applications in Medical Imaging

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Deadline for manuscript submissions:
closed (15 April 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue will focus on AI-based solutions and applications developed to meet the challenges of medical image processing, analysis and classification.

We welcome submissions of original research articles, case studies, and critical reviews on a wide range of topics including, but not limited to:

2D/3D/4D image segmentation using deep learning;

Artificial Intelligence solutions for the analysis of X-ray images;

AI-based detection and classification of knee diseases;

Biometric recognition system using deep learning;

AI-based reconstruction, segmentation, registration, and classification of MRI images;

Artificial Intelligence in lung tumor/cancer imaging diagnoses;

AI applications in molecular imaging and nuclear medicine;

AI models for imaging diagnosis;

AI-aided diagnosis for liver tumors in ultrasonography;

Breast imaging studies using Artificial Intelligence;

AI-based automated detection of particles in 2D and 3D images.

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Special Issue

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Message from the Editor-in-Chief

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